

CLAIMS

1. (Currently amended) A method for correcting distortion of an image projected on a projection surface, comprising:

mounting a projector on a top member movably coupled to a bottom member of a platform;

moving a the top member along a curved wall of the bottom member such that the projector in moves along a vertical direction axis; and

moving a rotating the top member about an axis point of the bottom member such that the projector in rotates along a horizontal direction axis after moving the projector in a along the vertical direction axis.

2. (Canceled)

3. (Canceled)

4. (Canceled)

5. (Currently amended) A system, comprising:

a projector for projecting an image on a projection surface; and

a platform including a top member movably mounted to a bottom member to allow a user to vertically rotate the projector before horizontally rotating the support the projector, the top member being adapted to vertically move along a curved wall of the bottom member and being adapted to horizontally rotate about an axis point of the bottom member;

where the projector corrects for keystone distortion responsive to the projector's vertical and horizontal position.

6. (Original) The system of claim 5 where the platform increases the keystone range of the projector.

7. (Currently amended) The system of claim 5

where the ~~base comprises: a~~ the bottom member is aligned horizontally; and

where a top member movably coupled to the bottom member, the projector being is fixedly mounted to the top member.

8. (Canceled)

9. (Canceled)

10. (Currently amended) An apparatus, comprising:
means for projecting an image on a projection surface; and
means for supporting the means for projecting including a top member means
movably mounted to a bottom member means, the top member means being adapted to
vertically move along a curved means of the bottom member means and being adapted to
horizontally rotate about an axis means of the bottom member means ~~rotating the means for~~
~~projecting, the means for rotating allowing a user to rotate the means for projecting in a~~
~~vertical and then horizontal direction;~~
where the means for projecting keystone corrects responsive to the means for rotating.

11. (Currently amended) The apparatus of claim 10 where the means for ~~rotating~~
supporting increases the keystone range of the means for projecting.

12. (Canceled)

13. (Canceled)

14. (Canceled)

15. (New) The method of claim 1 comprising providing the bottom member with
a vertical scale to measure the projector's movement about the vertical axis.

16. (New) The method of claim 1 comprising providing the top member with a
horizontal scale to measure the projector's rotation about the horizontal axis.

17. (New) The method of claim 1 comprising increasing a keystone range of the
projector responsive to the moving followed by the rotating.

18. (New) The system of claim 5 where the bottom member includes a vertical
scale to measure the projector's movement about a vertical axis.

19. (New) The system of claim 5 where the top member includes a horizontal scale to measure the projector's rotation about a horizontal axis.
20. (New) The apparatus of claim 10 where the top the bottom member means includes a vertical scaling means to measure the means for projecting's movement about a vertical axis.
21. (New) The apparatus of claim 10 where the top member means includes a horizontal scaling means to measure the means for projecting's rotation about a horizontal axis.